



**KINGS COUNTY  
AGRICULTURAL CROP REPORT  
2014**

Have you ever wondered if you actually received the 10 gallons of gas just pumped into your vehicle, or if the grocery scale that weighs your vegetables at the time of purchase is accurate? How do you know when you buy a 20 pound turkey or a 1 pound loaf of bread that you are getting the quantity advertised? The Kings County Sealer of Weights and Measures, the “other hat” worn by Agricultural Commissioner Tim Niswander, helps assure you get what you pay for.

The mission of the Kings County Department of Measurement Standards (Department) is to assure that [“Equity Prevails in the Marketplace”](#). That protection extends into most every commercial transaction today. Since 1915, when the California State legislature established that each county shall have a Sealer of Weights and Measures, consumers in California have been protected in the marketplace. Each Sealer operates under the direction of the California Department of Food and Agriculture’s Division of Measurement Standards. They help assure that only “correct” commercial devices are used and that the transactions are in compliance with the California Business and Professions Code and the California Code of Regulations.

The Department annually inspects over 2500 commercial devices operating in the county. These devices include, but are not limited to, fuel pumps at gas stations, scales at supermarkets and hardware stores, taximeters, odometers (ambulances), retail water meters, livestock scales and vehicle scales. Once tested and found to be “correct”, a seal is affixed to the device and inspection date noted on the seal. “Correct” means that the device is both accurate and meets specifications. Pictured on the cover of this report is the Department’s heavy capacity weight truck, purchased in 2008. With a certified weight of 46,200 pounds, this vehicle is primarily used to test the accuracy of vehicle scales. The individual twenty-four 1,000 pound weights carried on the vehicle can also be off-loaded on site to check smaller capacity devices, such as livestock and platform scales.



Every store in the county utilizing check stand scanners is now inspected on an annual basis. Undercover purchases are made of various items, including sale items if applicable. The items are then tallied at the register and the prices charged are verified against the lowest advertised price, either posted in the store or through advertisements. Businesses that package commodities for retail sale, such as supermarket meat counters and bakeries, as well as processors packaging cheese, nuts, and other agricultural commodities are also audited at least once per year to assure their product meets the declared quantity on their retail packaging statement.

The next time you are driving down the highway and need to stop for fuel, consider how easy it is to read the price of gasoline or diesel before pulling into the filling station. The Department assures petroleum signage meets the legal specifications to allow you the opportunity to decide to purchase fuel prior to entering the location. Proper markings on the pumps, including the fuel prices, octane rating, brand, and grade are inspected, as well as the postings notifying customers of the availability of free air and water and disabled driver services. Additional automotive products, such as coolant/anti-freeze, brake fluid, motor oil, and other lubricants are also inspected to assure they meet minimum SAE labeling specifications.

Rest assured that when you are out there making purchases on a daily basis, the Sealer of Weights and Measures in Kings County, as well as the rest of the counties in California, are protecting you through their daily inspection activities. Just look for the Seal!



## Department of Agriculture / Measurement Standards

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**TIMNISWANDER**  
Agricultural Commissioner  
Sealer of Weights and Measures

June 16, 2015

Secretary Karen Ross  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings, California

It is my privilege to submit to you the 2014 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2014 in Kings County was \$2,471,746,000. This represents an increase of \$204,568,000 (9.0%) from the 2013 value.

Livestock and Poultry Products had the largest increase in value at \$195,563,000 (25.2%) due primarily to increases in milk prices. Vegetable Crops increased in value \$66,304,000 (43.3%) due primarily to higher processing tomato production and price. Fruit and Nut Crops increased in value \$55,146,000 (10.7%) due to higher almond and pistachio acreage and prices. Apiary Products increased in value \$682,000 (8.7%) attributed an increase in the almond pollination price (per colony).

Field Crops had the largest decrease in value at \$105,496,000 (17.8%) due primarily to less acreage as a result of the drought conditions. Livestock and Poultry decreased in value \$6,037,000 (2.8%) due mainly to less animals sold. Seed Crops decreased \$1,594,000 (15.5%) due mainly to less acreage.

Milk continues to be the top commodity with a value of \$970,330,000 in 2014.

My thanks and appreciation is extended to the many producers and organizations who contributed information for this report. This report was compiled and prepared by Janet Eckles, Agricultural and Standards Inspector, Sonya Hernandez, Agricultural and Standards Inspector and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Joe Oliveira, Agricultural and Standards Aide.

Respectfully Submitted,

Tim Niswander

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# COUNTY ADMINISTRATION

## AG COMMISSIONER – SEALER PERSONNEL

### Kings County Board of Supervisors

Joe A. Neves	District I	Richard Valle	District II
Doug Verboon	District III	Craig Pedersen	District IV
	Richard Fagundes	District V	

### County Administrative Officer

Larry Spikes

### Agricultural Commissioner - Sealer of Weights and Measures

Tim Niswander

### Deputy Agricultural Commissioner - Sealers

Jimmy Hook      Rusty Lantsberger      Steve Schweizer

### Agricultural and Standards Inspectors

Tom Chambers	Janet Eckles	Vince Evans	Garen Goodreau	Mario Gutierrez
Sonya Hernandez	Michael Leoni	Andrea Oilar	Bruce Perez	
Rafael Perla	Alfredo Prieto	Lynda Schrupf	Robert Torrez	Shanna Vickers

### Agricultural and Standards Aides

Randall Bray      Joe Oliveira      Garrett Roe

### Executive Secretary

Jennifer Rios

### Account Clerk

Julie Hansen

### Office Assistants

Chelsey Huckabay

Sue Shanahan

Kayla Delgado

# FIELD CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
<b>Alfalfa, Hay</b>	<b>2014</b>	<b>36,597</b>	<b>8.17</b>	<b>298,997</b>	<b>Ton</b>	<b>\$252.00</b>	<b>\$75,347,000</b>
	2013	45,777	8.13	372,167	Ton	\$219.00	\$81,505,000
<b>Alfalfa, Silage</b>	<b>2014</b>	<b>6,432</b>	<b>2.63</b>	<b>16,916</b>	<b>Ton</b>	<b>\$55.30</b>	<b>\$935,000</b>
	2013	2,101	3.27	6,870	Ton	\$45.10	\$310,000
<b>Alfalfa, Silage All Year</b>	<b>2014</b>	<b>1,927</b>	<b>35.39</b>	<b>68,197</b>	<b>Ton</b>	<b>\$54.20</b>	<b>\$3,696,000</b>
	2013	1,699	36.46	61,946	Ton	\$46.10	\$2,856,000
<b>Alfalfa, Stubble</b>	<b>2014</b>	<b>9,149</b>			<b>Ton</b>	<b>\$25.00</b>	<b>\$229,000</b>
	2013	11,444			Ton	\$25.00	\$286,000
<b>Beans, Dry a/</b>	<b>2014</b>						
	2013	920	1.57	1,444	Ton	\$859.00	\$1,240,000
<b>Corn, Grain a/</b>	<b>2014</b>						
	2013	3,150	6.45	20,318	Ton	\$226.00	\$4,592,000
<b>Corn, Silage</b>	<b>2014</b>	<b>51,121</b>	<b>25.61</b>	<b>1,309,209</b>	<b>Ton</b>	<b>\$65.20</b>	<b>\$85,360,000</b>
	2013	55,087	25.67	1,414,083	Ton	\$49.20	\$69,573,000
<b>Cotton, Acala - Lint b/</b>	<b>2014</b>	<b>6,710</b>	<b>3.57</b>	<b>23,955</b>	<b>Bale</b>	<b>\$451.00</b>	<b>\$10,804,000</b>
	2013	11,181	3.23	36,115	Bale	\$566.00	\$20,441,000
<b>Cotton, Acala - Seed</b>	<b>2014</b>			<b>10,365</b>	<b>Ton</b>	<b>\$380.00</b>	<b>\$3,939,000</b>
	2013			15,636	Ton	\$400.00	\$6,254,000
<b>Cotton, Pima - Lint b/</b>	<b>2014</b>	<b>68,353</b>	<b>3.12</b>	<b>213,261</b>	<b>Bale</b>	<b>\$871.00</b>	<b>\$185,750,000</b>
	2013	92,269	3.18	293,415	Bale	\$833.00	\$244,415,000
<b>Cotton, Pima - Seed</b>	<b>2014</b>			<b>92,272</b>	<b>Ton</b>	<b>\$337.00</b>	<b>\$31,096,000</b>
	2013			126,994	Ton	\$370.00	\$46,988,000
<b>Oat, Hay</b>	<b>2014</b>	<b>1,085</b>	<b>3.74</b>	<b>4,058</b>	<b>Ton</b>	<b>\$188.00</b>	<b>\$763,000</b>
	2013	1,892	3.52	6,660	Ton	\$147.00	\$979,000
<b>Oat, Silage</b>	<b>2014</b>	<b>593</b>	<b>14.41</b>	<b>8,545</b>	<b>Ton</b>	<b>\$42.20</b>	<b>\$361,000</b>
	2013	838	9.43	7,902	Ton	\$31.40	\$248,000

# FIELD CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Pasture, Range	2014	295,509				\$3.00	\$887,000
	2013	285,076				\$3.90	\$1,112,000
Sorghum, Silage	2014	13,064	16.20	211,637	Ton	\$49.40	\$10,455,000
	2013	12,588	16.72	210,471	Ton	\$37.60	\$7,914,000
Sudan, Hay	2014	274	5.38	1,474	Ton	\$162.00	\$239,000
	2013	395	4.72	3,856	Ton	\$140.00	\$153,000
Triticale, Silage	2014	3,037	15.43	46,861	Ton	\$49.50	\$2,320,000
	2013	3,745	13.65	51,119	Ton	\$42.50	\$2,173,000
Wheat, Hay	2014	549	4.03	2,212	Ton	\$216.00	\$478,000
	2013	688	5.14	3,536	Ton	\$163.00	\$576,000
Wheat, Grain	2014	15,356	3.25	49,907	Ton	\$268.00	\$13,375,000
	2013	45,872	3.02	138,533	Ton	\$290.00	\$40,175,000
Wheat, Silage	2014	44,684	17.23	769,905	Ton	\$51.30	\$39,496,000
	2013	50,751	17.29	877,485	Ton	\$40.90	\$35,889,000
Other c/	2014	38,391					\$20,689,000
	2013	62,236					\$24,036,000
Total	2014	592,831					\$486,219,000
	2013	687,709					\$591,715,000

a/ Currently included in "Other"

b/ 495 lbs. = 1 bale

c/ Includes barley grain, barley hay, barley silage, beans-dry, corn-grain, forage, hay-other, pasture irrigated, ryegrass, safflower, sorghum-milo, sudan silage, sugar beets-silage, triticale grain, and wheat straw.



# FRUIT & NUT CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
<b>Almonds</b>	<b>2014</b>	<b>19,422</b>	<b>1.11</b>	<b>21,558</b>	<b>Ton</b>	<b>\$7,150.00</b>	<b>\$154,140,000</b>
	2013	17,412	1.21	21,069	Ton	\$5,530.00	\$116,512,000
<b>Almond Hulls</b>	<b>2014</b>			<b>43,116</b>	<b>Ton</b>	<b>\$150.00</b>	<b>\$6,467,000</b>
	2013			42,258	Ton	\$139.00	\$5,874,000
<b>Almond Shells</b>	<b>2014</b>			<b>10,779</b>	<b>Ton</b>	<b>\$22.00</b>	<b>\$237,000</b>
	2013			34,466	Ton	\$28.70	\$303,000
<b>Apricots</b>	<b>2014</b>	<b>766</b>	<b>5.68</b>	<b>4,351</b>	<b>Ton</b>	<b>\$2,010.00</b>	<b>\$8,746,000</b>
	2013	932	6.58	6,132	Ton	\$1,750.00	\$10,731,000
<b>Cherries</b>	<b>2014</b>	<b>1,544</b>	<b>1.08</b>	<b>1,668</b>	<b>Ton</b>	<b>\$8,130.00</b>	<b>\$13,561,000</b>
	2013	1,434	3.52	5,048	Ton	\$4,700.00	\$23,726,000
<b>Grapes, Raisin</b>	<b>2014</b>	<b>2,049</b>	<b>2.26</b>	<b>4,631</b>	<b>Ton</b>	<b>\$1,730.00</b>	<b>\$8,012,000</b>
	2013	2,155	2.19	4,719	Ton	\$1,740.00	\$8,211,000
<b>Grapes, Table</b>	<b>2014</b>	<b>848</b>	<b>15.50</b>	<b>13,144</b>	<b>Ton</b>	<b>\$1,480.00</b>	<b>\$19,453,000</b>
	2013	940	14.41	13,545	Ton	\$1,430.00	\$19,369,000
<b>Grapes, Wine</b>	<b>2014</b>	<b>4,796</b>	<b>11.96</b>	<b>57,360</b>	<b>Ton</b>	<b>\$290.00</b>	<b>\$16,634,000</b>
	2013	4,276	13.63	58,282	Ton	\$327.00	\$19,058,000
<b>Grapes, Total</b>	<b>2014</b>	<b>7,693</b>					<b>\$44,099,000</b>
	2013	7,371					\$46,638,000
<b>Nectarines</b>	<b>2014</b>	<b>1,739</b>	<b>9.06</b>	<b>15,755</b>	<b>Ton</b>	<b>\$1,410.00</b>	<b>\$22,215,000</b>
	2013	1,961	9.66	18,943	Ton	\$944.00	\$17,882,000
<b>Peaches, Cling</b>	<b>2014</b>	<b>808</b>	<b>17.67</b>	<b>14,277</b>	<b>Ton</b>	<b>\$393.00</b>	<b>\$5,611,000</b>
	2013	1,125	16.32	18,360	Ton	\$452.00	\$8,299,000
<b>Peaches, Freestone</b>	<b>2014</b>	<b>1,953</b>	<b>10.16</b>	<b>19,842</b>	<b>Ton</b>	<b>\$1,280.00</b>	<b>\$25,398,000</b>
	2013	2,148	10.29	22,103	Ton	\$886.00	\$19,583,000
<b>Peaches, Total</b>	<b>2014</b>	<b>2,761</b>					<b>\$31,009,000</b>
	2013	3,273					\$27,882,000



# FRUIT & NUT CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Pistachios	2014	19,187	1.23	23,600	Ton	\$5,770.00	\$136,172,000
	2013	18,284	1.23	22,489	Ton	\$4,900.00	\$110,196,000
Plums	2014	2,032	8.89	18,064	Ton	\$1,240.00	\$22,399,000
	2013	2,228	6.55	14,593	Ton	\$1,110.00	\$16,198,000
Walnuts	2014	14,420	1.88	27,110	Ton	\$3,470.00	\$94,072,000
	2013	14,063	2.02	28,407	Ton	\$3,460.00	\$98,288,000
Other a/	2014	7,219					\$35,901,000
	2013	7,006					\$39,642,000
TOTAL	2014	76,783					\$569,018,000
	2013	73,964					\$513,872,000

a/ Includes apples, blackberries, blueberries, farmers market crops, firewood, jujube, kiwifruit, oranges, olives, pears, pecans, persimmons, pluots, pomegranates, prunes, quince, strawberries, and tangerines.



# SEED CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Seed Crops a/	2014	4,479					\$8,680,000
	2013	9,840					\$10,274,000

a/ Includes alfalfa certified, barley non-certified, carrot, asparagus, cotton certified, flower, lettuce, and onion.



# VEGETABLE CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Tomatoes, Processed	2014	34,003	52.95	1,800,459	Ton	\$81.10	\$146,017,000
	2013	33,447	42.74	1,429,508	Ton	\$68.20	\$97,494,000
Other a/	2014	13,207					\$73,276,000
	2013	15,498					\$55,495,000
<b>TOTAL</b>	<b>2014</b>	<b>47,210</b>					<b>\$219,293,000</b>
	2013	48,945					\$152,989,000

a/ Includes asparagus, bell peppers, broccoli, cabbage, cantaloupe, carrots, carrot transplants, cauliflower, corn sweet, garlic processed, miscellaneous melons, onions fresh, onions processed, parsley, radicchio, squash, tomatoes fresh, tomato transplants, and watermelons.

# INVENTORIES OF LIVESTOCK & POULTRY

Item	December, 2014 Number of Head	December, 2013 Number of Head
Cattle and Calves		
All	420,000	345,000
Dairy Cows 2 Years and Over	183,775	179,408
Cattle and Calves on Feed	5,400	7,000
Other	230,825	158,592
Sheep and Lambs		
Sheep and Lambs	10,557	12,953
Goats	11,437	11,020
Hogs and Pigs	154	146
Turkeys	264,456	402,891

## LIVESTOCK & POULTRY

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves a/	2014	215,305		Head	\$809.00	\$174,182,000
	2013	261,376		Head	\$685.85	\$179,265,000
Turkeys	2014	1,057,826	30,156,834	Lb.	\$1.01	\$30,458,000
	2013	1,611,566	36,677,355	Lb.	\$0.88	\$32,276,000
Other b/	2014	29,697				\$2,373,000
	2013	30,296				\$1,509,000
TOTAL	2014	1,302,828				\$207,013,000
	2013	1,903,238				\$213,050,000

a/ Includes breeding stock value in total.

b/ Includes chickens, goats, hogs, pigs, sheep, and lambs.

# LIVESTOCK & POULTRY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Manure	2014	619,184	Ton	\$4.22	\$2,613,000
	2013	761,687	Ton	\$5.43	\$4,136,000
Milk, Market	2014	44,156,830	Cwt.	\$21.90	\$967,035,000
	2013	42,260,547	Cwt.	\$18.20	\$769,142,000
Milk, Mfg.	2014	30,492	Cwt.	\$23.30	\$710,000
	2013	41,268	Cwt.	\$18.90	\$780,000
Milk, Goats	2014	71,818	Cwt.	\$36.00	\$2,585,000
	2013	90,339	Cwt.	\$36.50	\$3,297,000
Milk Total	2014	44,259,140	Cwt.		\$970,330,000
	2013	42,392,154	Cwt.		\$773,219,000
Wool a/	2014	66,509	Lb.	\$1.46	\$97,000
	2013	84,195	Lb.	\$1.45	\$122,000
TOTAL	2014				\$973,040,000
	2013				\$777,477,000

a/ Price does not include wool incentive



# APIARY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	2014	367,302	Lb.	\$2.05	\$753,000
	2013	405,893	Lb.	\$2.07	\$840,000
Beeswax	2014	12,085	Lb.	\$3.25	\$39,300
	2013	9,076	Lb.	\$3.21	\$29,100
Seed Alfalfa	2014	4,920	Colonies	\$35.00	\$172,000
	2013	4,857	Colonies	\$77.50	\$376,000
Tree Fruit & Nuts a/	2014	44,181	Colonies	\$167.00	\$7,378,000
	2013	42,377	Colonies	\$152.00	\$6,441,000
Melons	2014	1,102	Colonies	\$35.00	\$38,600
	2013	862	Colonies	\$35.00	\$30,200
Vegetable Seed	2014	1,696	Colonies	\$60.00	\$102,000
	2013	1,412	Colonies	\$60.00	\$84,700
<b>TOTAL</b>	2014				<b>\$8,483,000</b>
	2013				\$7,801,000

a/ Includes almonds, apricots, cherries, pluots, and plums.

## AGRICULTURAL QUICK FACTS

### Kings County is ranked:

- **8th** among California counties in agricultural production
- **1st** among California counties in the production of cotton lint and cottonseed
- **2nd** among California counties in the production of apricots and wheat (excluding seed).
- **3rd** among California counties in the production of nectarines, turkeys, plums, and tomatoes (processing).
- **4th** among California counties in the production of milk and cream, and silage.
- **5th** among California counties in the production of pistachios and peaches.

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# 5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	2014	2013	2012	2011	2010
<b>Apiary Products</b>	<b>\$8,483,000</b>	\$7,801,000	\$6,972,000	\$6,656,000	\$6,548,000
<b>Field Crops Acreage</b>	<b>\$486,219,000 592,831</b>	\$591,715,000 687,709	\$634,944,000 715,383	*\$612,949,000 *717,408	\$448,938,000 689,758
<b>Fruit &amp; Nut Crops Acreage</b>	<b>\$569,018,000 76,783</b>	\$513,872,000 73,964	\$412,643,000 68,019	\$412,088,000 63,793	\$319,122,000 60,200
<b>Livestock and Poultry</b>	<b>\$207,013,000</b>	\$213,050,000	\$265,548,000	\$191,853,000	\$161,417,000
<b>Livestock and Poultry Products</b>	<b>\$973,040,000</b>	\$777,477,000	\$704,865,000	\$811,523,000	\$568,050,000
<b>Seed Crops Acreage</b>	<b>\$8,680,000 4,539</b>	\$10,274,000 9,840	\$5,858,000 1,079	\$7,485,000 1,732	\$7,433,000 1,478
<b>Vegetable Crops Acreage</b>	<b>\$219,293,000 47,210</b>	\$152,989,000 48,945	\$184,184,000 47,802	\$177,015,000 41,790	\$206,466,000 51,908
<b>TOTAL</b>	<b>\$2,471,746,000</b>	\$2,267,178,000	\$2,215,014,000	*\$2,219,569,000	\$1,717,971,000

\*Revised

## AGRICULTURAL EFFICIENCY...

Production Per Acre Comparison for Miscellaneous Crops  
2014 & 1964

<b>Crop</b>	<b>2014 Production/Acre</b>	<b>Unit</b>	<b>1964 Production/Acre</b>	<b>Unit</b>
Corn, Silage	25.61	Tons	21.00	Tons
Cotton	3.12	Bales	2.15	Bales
Walnuts	1.88	Tons	1.06	Tons
Wheat	3.25	Tons	1.60	Tons

# TOP 10 COMMODITIES

Crop	2014 Rank	Dollar Value	2013 Rank	2012 Rank	1964 Rank
Milk, Total	1	\$970,330,000	1	1	5
Cotton, Total	2	\$231,589,000	2	2	1
Cattle and Calves	3	\$174,182,000	3	3	2
Almonds, Total	4	\$160,844,000	4	6	34
Tomatoes, Processed	5	\$146,017,000	7	4	N/A
Pistachios	6	\$136,172,000	5	8	N/A
Walnuts	7	\$94,072,000	6	7	17
Corn, Silage	8	\$85,360,000	9	9	15
Alfalfa, Total	9	\$80,207,000	8	5	4
Grapes, Total	10	\$44,099,000	10	11	7

## A LOOK BACK, 50 YEARS AGO.....1964 KINGS COUNTY'S TOP 10 COMMODITIES

Crop	Rank	Dollar Value
Cotton, Total	1	\$40,284,000
Cattle and Calves	2	\$17,773,000
Barley, Grain	3	\$16,269,000
Alfalfa, Total	4	\$14,439,000
Milk, Total	5	\$12,729,000
Safflower, Total	6	\$2,666,000
Sugar Beets	7	\$1,506,000
Melons	8	\$1,439,000
Peaches	9	\$1,299,000
Sorghum, Grain	10	\$1,156,000
<b>Total</b>		<b>\$109,560,000</b>

# SUSTAINABLE AGRICULTURE REPORT

## County Biological Control

Pest	Agent/Mechanism	Scope of Program
Puncture Vine <u>Tribulus terrestris</u>	Stem Mining Weevil <u>Microlarinus lypriformis</u>	Generally Distributed
	Seed Head Weevil <u>Microlarinus lareynii</u>	Generally Distributed
Yellow Starthistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangastemus orientalis</u>	Generally Distributed
	Gall Fly <u>Urophora sirunaseva</u>	Generally Distributed
	Hairy Weevil <u>Eustenopus villosus</u>	Generally Distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia partenopea</u>	Generally Distributed
Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic Wasp <u>Psyllaephagus bliteus</u>	Generally Distributed
Silverleaf Whitefly <u>Bemisia argentifolii</u>	Parasitic Wasp <u>Eretmocerus sp. (M95104)</u>	Generally Distributed
	<u>Eretmocerus sp. (M95012)</u>	Generally Distributed

## County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter	Nursery Inspections	564 Shipments Inspected
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments	111 Shipments Inspected
Various Pests	Truck Shipments	13,139 Units Inspected

Crops	Activity	Scope of Program
Export Commodities	Phytosanitary Certification	1,480 Issued
Export Seed	Field Inspections	50 Sites / 533 Acres



# SUSTAINABLE AGRICULTURE REPORT

## County Pest Eradication

Pest	Agent/Mechanism	Scope of Program
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	64,830 Acres
Alligatorweed <u>Alternanthera philoxeroides</u>	Visual Inspection Mechanical/Chemical	38 Sites Treated

## County Pest Detection

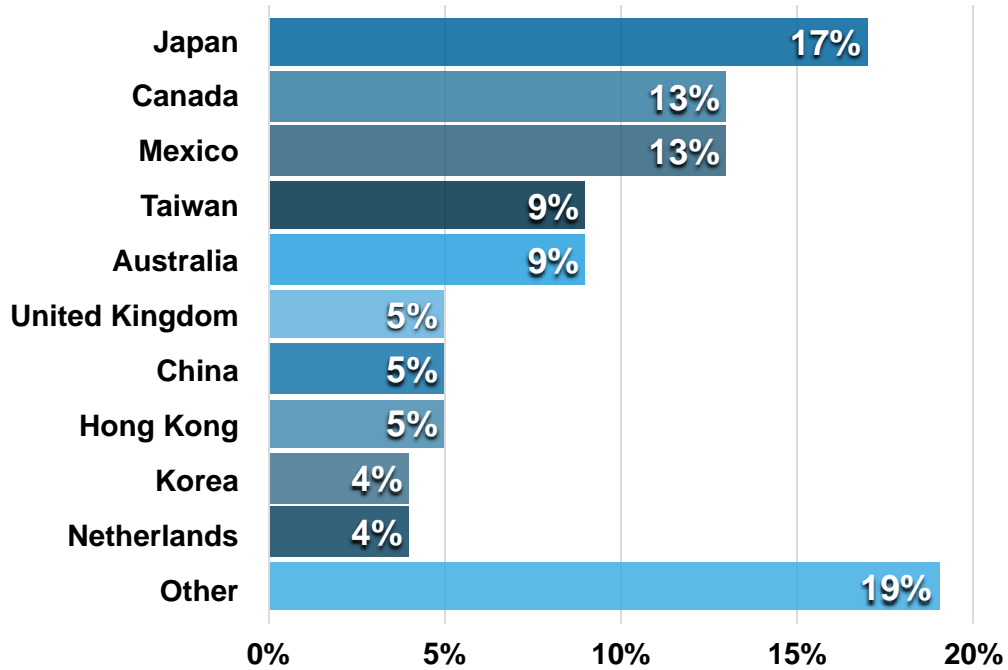
Pest	Number of Traps	Number of Servicing	Type of Trap
All Purpose Fruit Fly	116	1,215	Champ
Asian Citrus Psyllid	265	1,511	Yellow Panel
European Corn Borer	11	163	Pherocon II
European Grape Vine Moth	562	6,699	Delta
European Pine Shoot Moth	6	31	Pherocon II
Glassy Wing Sharpshooter	70	932	Yellow Panel
Gypsy Moth	81	162	Delta
Japanese Beetle	81	162	Japanese Beetle
Light Brown Apple Moth	155	2,102	Jackson
Mediterranean Fruit Fly	155	2,102	Jackson
Melon Fly	70	796	Jackson
Mexican Fruit Fly	103	2,550	McPhail
Oriental Fruit Fly	155	2,102	Jackson
<b>TOTAL</b>	<b>1,830</b>	<b>20,527</b>	





# EXPORT PARTNERS

Percentage of Total Export Certificates Issued 2014



# FAIRS AND EXPOSITIONS

801 S. 10th Ave  
Hanford, CA 93230



Phone 584-3318  
Fax 584-0192

# ORGANIC PRODUCTION

In response to industry petitions and requests, the 1990 Organic Foods Production Act was passed and authorized the National Organic Program to regulate all organic products certified in the United States. The California Organic Products Act made for the adoption and enforcement of federal regulations. These programs define organic practices to preserve the integrity of the organic industry. Consumers and business alike are protected when organic foods meet the approved standards for the production, storage, and processing of organic products. Only products that meet these strict standards may legally use the word “organic.”

Kings County had 27 organic producers and five organic handlers in 2014 including one new registration. On 25,822 acres, Kings County growers produced more than 70 organic crops including various nuts, tree fruits, vegetables, flowers, herbs, field crops, and organic fallow farmland. The crop values are included in their respective commodity groups.



## CERTIFIED FARMERS MARKET

### Thursday Night Market Place

Irwin Street, Hanford  
Thursdays  
5:30 PM to 9:00 PM  
May thru September

### Lemoore Friday Night Market

D Street, Lemoore  
Fridays  
5:00 PM to 9:00 PM  
April thru October

Farmer's Markets not only allow for the community members to get together, but also provide an opportunity to obtain fresh, seasonal produce. The purpose of a Certified Farmers' Market (CFM) is for growers to directly market what they have grown straight to the customers.

To ease the direct marketing process, growers are exempt from standard containers, sizing, labeling, and packing requirements that a commercial packer is required to follow.

Producers are certified by their County's Agricultural Commissioner after verifying that the farmers are growing what they plan to sell.

Kings County certified producers grow an extensive variety of products including fresh fruits and vegetables, flowers, numerous types of herbs, nuts, and specialty crops.



# LAND USE

Surrounding Counties	2013 Rank	2013 Gross Value*	Total County Area Acres	Top Commodity	2013 Value
Tulare	1	\$7,346,607,000	3,840,000	Milk	\$2,077,949,000
Kern	2	\$6,769,668,000	3,112,320	Grapes	\$1,445,006,000
Fresno	3	\$6,436,974,000	5,166,720	Almonds	\$1,049,800,000
Monterey	4	\$4,379,723,000	2,127,359	Strawberries	\$858,211,000
<b>Kings</b>	<b>8</b>	<b>\$2,267,178,000</b>	<b>890,785</b>	<b>Milk</b>	<b>\$769,142,000</b>

\* Gross Value does not include timber. Values based on annual crop reports.



# LAND USE SUMMARY

Land Use Category	2012		2010		Acreage Change
	Acres	Percent	Acres	Percent	
Prime Farmland	118,449	13	130,258	15	-11,809
Farmland of Statewide Importance	376,869	43	388,891	44	-12,022
Unique Farmland	19,864	2	21,802	2	-1,938
Farmland of Local Importance	11,152	1	11,136	1	16
Grazing Land	295,809	33	271,830	31	23,979
Urban and Built-Up Land	36,640	4	35,847	4	793
Other Land	31,940	4	30,959	3	-981
Water Area	62	0	62	0	0
<b>Total Acres</b>	<b>890,785</b>		<b>890,785</b>		

# WEIGHTS & MEASURES

## Mission Statement:

We, as an important member of the California Department of Food and Agriculture, serve the people of California by preserving and defending the measurement standards essential in providing the citizens a basis of value comparison and fair competition in the marketplace.

In Kings County, weights and measures inspectors work to preserve equity in the marketplace. Using specialized and accurate equipment, they perform a multitude of inspections of commercial devices and commodities that touch the lives of people everyday.

In 2014, the Kings County Department of Measurement Standards:

- Verified 198 devices for Service Agencies
- Inspected 2,460 devices including:
  - 289 Counter Scales
  - 25 Livestock & Animal Scales
  - 112 Vehicle Scales
  - 1,347 Retail Motor Fuel Meters (gas pumps) as well as checking for petroleum advertising and labeling compliance
- Verified scanned prices of 1,786 packages and made 53 test purchases in Quantity Control
- Performed 24 weighmaster audits



# KINGS COUNTY GENERAL INFORMATION



County Seat	Hanford
County Population (1/1/2014)	149,942*
Population per Square Mile	109
Total Assessed Value (2014)	\$9,011,878,891
Land Area (Square Miles)	1,392
Total Acres	890,785**
Total Harvested Crop Acreage (2014)	721,363
Total Farmland	82,143**
Public Ownership of Land (Acres - 2008)	
Federal	27,313.76
State	4,015.99
County	1,421.61
Local Agencies	3,587.01

Agricultural production ranked 8th among California counties (based on 2013 total value).

Railroads - Burlington Northern Santa Fe, Union Pacific & San Joaquin Railroad.

Major Roads - Interstate 5, Highway 41, Highway 43, Highway 33 & Highway 198.

Water Sources - Kings River, Tule River, Kaweah River, Kern River, & California Aqueduct.

Elevation - 175 feet above sea level at Tulare Lake to 3500 feet above sea level at the Kings/Monterey County line boundary.

Average length of growing season: 257 days.

Average climate: 196 sunny clear days, 74 partly cloudy days & 95 cloudy days.

Average date of last spring frost: March 3.

Average date of first fall frost: November 18.

\*Courtesy of the California Department of Finance (Estimate)

\*\*Courtesy of the California Department of Conservation

# RAINFALL - HANFORD, CA

YEAR	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1964-65	0.00	0.34	0.00	0.95	1.31	1.44	1.18	0.33	0.33	1.57	0.00	0.00	7.45
1965-66	0.00	0.05	0.07	0.05	2.15	1.97	0.63	0.71	0.10	0.00	0.07	0.00	5.80
1966-67	0.04	0.00	0.29	0.09	1.28	2.57	1.41	0.05	2.42	2.95	0.07	0.06	11.23
1967-68	0.00	0.00	0.31	0.00	1.99	0.50	0.62	0.64	1.00	0.50	0.08	0.23	5.87
1968-69	0.00	0.00	0.00	1.33	0.98	1.64	6.69	4.54	0.79	0.85	0.32	0.00	17.14
1969-70	0.07	0.00	0.15	0.05	0.51	0.70	1.60	1.33	1.42	0.14	0.00	0.21	6.18
1970-71	0.00	0.00	0.00	0.00	2.40	1.23	0.35	0.19	0.23	0.40	1.44	0.00	6.24
1971-72	0.00	0.00	0.04	0.06	0.41	1.87	0.04	0.35	0.00	0.23	0.00	0.00	3.00
1972-73	0.00	0.00	0.24	0.21	2.90	0.65	2.44	2.29	2.20	0.12	0.00	0.00	11.05
1973-74	0.00	0.00	0.00	0.76	0.46	0.94	2.97	0.13	1.75	0.03	0.00	0.00	7.04
1974-75	0.00	0.00	0.00	0.64	0.24	1.40	0.09	2.26	1.24	0.49	0.00	0.00	6.37
1975-76	0.00	0.00	0.98	0.76	0.05	0.22	0.00	2.94	0.19	1.47	0.03	0.00	6.64
1976-77	0.00	0.22	1.47	0.00	1.15	0.96	0.96	0.03	0.43	0.00	0.01	0.01	5.24
1977-78	0.00	0.00	0.00	0.05	0.06	2.85	2.22	5.05	4.12	1.71	0.00	0.07	16.13
1978-79	0.00	0.00	1.10	0.00	0.79	0.50	1.84	1.61	1.16	0.03	0.00	0.00	7.03
1979-80	0.04	0.00	0.08	0.41	0.62	0.41	2.90	2.71	1.28	0.05	0.04	0.00	8.54
1980-81	0.00	0.00	0.00	0.09	0.00	0.21	1.80	0.86	2.10	0.68	0.17	0.00	5.91
1981-82	0.00	0.00	0.00	0.76	1.08	0.29	0.84	0.33	3.52	1.75	0.00	0.00	8.57
1982-83	0.18	0.00	0.64	1.03	2.15	0.71	3.74	2.59	3.39	1.63	0.04	0.45	16.55
1983-84	0.00	0.05	0.82	0.43	1.66	1.22	0.01	0.42	0.27	0.18	0.00	0.00	5.06
1984-85	0.00	0.00	0.01	0.52	1.41	1.66	0.59	0.61	0.68	0.12	0.01	0.00	5.61
1985-86	0.05	0.00	0.00	0.54	2.11	0.56	1.46	2.60	3.40	0.45	0.00	0.00	11.17
1986-87	0.00	0.00	0.15	0.00	0.21	0.77	1.77	2.04	2.02	0.06	0.13	0.00	7.15
1987-88	0.00	0.00	0.00	0.86	0.72	1.74	1.37	0.40	0.93	2.65	0.07	0.05	8.79
1988-89	0.00	0.00	0.00	0.00	1.33	2.29	1.02	2.03	0.85	0.02	0.39	0.06	7.99
1989-90	0.00	0.00	0.67	0.32	0.20	0.53	1.79	1.02	0.30	0.97	0.87	0.00	6.67
1990-91	0.00	0.66	0.00	0.01	0.22	0.09	0.37	1.32	6.67	0.19	0.66	0.00	10.19
1991-92	0.00	0.00	0.11	0.38	0.14	1.32	1.40	3.32	0.85	0.10	0.00	0.36	7.98
1992-93	0.01	0.00	0.00	0.58	0.00	2.62	3.88	2.48	2.16	0.07	0.08	0.00	11.88
1993-94	0.00	0.00	0.24	0.24	0.68	0.66	1.45	1.02	0.70	0.69	0.00	0.26	5.94
1994-95	0.00	0.00	1.06	0.35	1.54	0.33	4.70	0.51	4.77	0.65	0.87	0.00	14.78
1995-96	0.00	0.00	0.00	0.00	0.00	1.59	1.79	2.55	2.15	0.89	0.16	0.00	9.13
1996-97	0.00	0.00	0.00	1.65	0.87	3.03	3.02	0.12	0.21	0.00	0.00	0.04	8.94
1997-98	0.00	0.00	0.06	0.09	1.96	1.80	2.00	4.05	2.60	1.68	1.31	0.00	15.55
1998-99	0.00	0.00	0.00	0.68	0.63	0.64	3.01	0.56	0.43	1.37	0.00	0.44	7.76
1999-00	0.00	0.00	0.00	0.15	0.00	0.00	1.08	3.28	1.59	0.97	0.48	0.00	7.55
2000-01	0.00	0.00	0.03	1.31	0.00	0.03	1.98	1.48	1.24	1.12	0.00	0.35	7.54
2001-02	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	0.00	6.36
2002-03	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	0.82	8.15
2003-04	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	0.00	6.16
2004-05	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	0.00	12.46
2005-06	0.00	0.00	0.02	0.01	0.21	1.15	3.07	0.48	2.60	2.98	0.54	0.00	11.06
2006-07	0.00	0.00	0.00	0.09	0.16	0.90	0.61	0.90	0.22	0.27	0.01	0.00	3.16
2007-08	0.00	0.05	0.32	0.30	0.10	1.17	1.86	1.10	0.00	0.00	0.10	0.00	5.00
2008-09	0.00	0.00	0.00	0.14	1.03	1.36	0.60	1.43	0.21	0.03	0.43	0.37	5.60
2009-10	0.00	0.00	0.20	1.31	0.23	1.27	2.30	1.93	0.31	1.63	0.32	0.00	9.50
2010-11	0.00	0.00	0.00	0.76	1.24	5.29	0.88	0.96	2.70	0.32	0.41	0.91	13.47
2011-12	0.04	0.00	0.00	0.48	0.71	0.01	0.61	0.43	1.72	1.79	0.03	0.00	5.82
2012-13	0.00	0.00	0.00	0.14	0.34	1.52	0.25	0.42	0.67	0.08	0.18	0.00	3.60
2013-14	0.00	0.00	0.01	0.00	0.33	0.16	0.30	1.38	0.27	0.35	0.01	0.00	2.81
2014-15	0.00	0.00	0.03	0.00	0.94	2.52							
<b>AVERAGE</b>	<b>0.01</b>	<b>0.03</b>	<b>0.18</b>	<b>0.42</b>	<b>0.87</b>	<b>1.29</b>	<b>1.60</b>	<b>1.46</b>	<b>1.45</b>	<b>0.73</b>	<b>0.22</b>	<b>0.09</b>	<b>8.30</b>